

In re Application of: BUERGELT, C. D.

Confirmation No: 3776

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Examiner: OGUNBIYI, Oluwatosin A.

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**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph beginning spanning line 28, page 2 through line 4, page 3 with the paragraph below:

Another method of the invention includes the steps of (A) providing a biological sample from the animal; and (B) subjecting the biological sample to nested PCR using at least a first pair of primers for amplifying the [[ISO900]] IS900 region of the Map genome and a second pair of primers for amplifying a portion of the amplified [[ISO900]] IS900 region, wherein the presence of an amplification product specific for Map in the PCR reaction mixture indicates that the animal is infected with Map. In this method, the first pair of primers can be primers P90 and P91 and the second pair of primers are primers J1 and J2.